Editorial Index for ICMJ

Volume 7 March 1982-September 1982

TITLES

A Method of Shrinkage Prediction and Its Application to Steel Casting Practice: E. Niyama, T. Uchida, M. Morikawa, S. Saito . . . Japan, Sep, p 52-63.

An Easy and Inexpensive Technique to Study the Solidification of Castings in Three Dimensions: R. M. Kotschi, L. A. Plutshack . . . United States, June, p 29-37.

A Scanning Electron Microscope Examination of the Breakdown of Ester-Cured Sodium Silicate Binder: I. Svensson . . . Sweden, Sep, p 32-42.

Automation in the Large Foundry--Progress in the 1970s and an Outlook for the 1980s: W. P. Shulhof, W. E. Willis . . . United States, Mar, p 3-9.

Development of More Powerful Inoculants for Spheroidal Graphite Irons: F. Lietaert, P. Hilaire, C. Staroz . . . Belgium, Mar, p 30-43.

Effect of Reaction Chamber Dimensions and Alloy Type on the Nodularization Characteristics and Tensile Strength of Ductile Iron Castings: M. A. El-Salamoni, A. S. Wifi, M. A. Shaker . . . Egypt, Sep, p 2-9.

High Strength Bainitic Ductile Cast Iron: E. Dorazil, B. Barta, E. Munsterova, L. Stransky, A. Huvar . . . Czechoslovakia, June, p 52-62.

Impact Properties of High-Strength Cast Cupro-Nickel Alloys: M. Sahoo . . . Canada, June, p 2-9.

Induction Furnace Emissions: CIATF Commission 4 . . . June, p 10-28.

Inoculation Alternatives to Prevent Eutectic Carbide Formation in Ductile Iron: W. Krause, L. M. Chaves, Jr., A. B. de Souza Santos, J. F. Reimer . . . Brazil, Sep, p 22-31.

On Some Physical Properties of Dynamically Stressed Automobile Gray Iron Castings: J. Exner, J. Cech, K. Rusin . . . Czechoslovakia, Mar, p 10-29.

Secondary Porosity in Sand-Cast Aluminum-Silicon Alloys: F. Dimayuga, J. E. Gruzleski . . . Canada, June, p 38-43.

Some New Aspects of and Recent Practical Experiences with Rigid Molding: An Advantageous Method for the Production of Medium to Heavy Castings in Ductile or Gray Iron: R. Sipi . . . Finland, Mar, p 44-53.

Structural Analysis of a Graphite Nodule and Surrounding Halo in Ductile Iron: H. Fidos . . . South Africa, Mar, p 54-62.

The Influence of Phosphorus Content on Hot Crack Formation in Gray Cast Iron: B. Rogberg . . . Sweden, June, p 44-51.

The Laboratory Simulation of a Foundry System Sand: J. Tartera . . . Spain, Sep, p 43-51.

Welding of Malleable Cast Iron: CIATF Commission 7.2 . . . Sep, p 10-21.

AUTHORS

Barta, B.; Dorazil, E.; Munsterova, E.; Stransky, L.; Huvar, A.: High Strength Bainitic Ductile Cast Iron, June, p 52-62.

Cech, J.; Exner, J,; Rusin, K.: On Some Physical Properties of Dynamically Stressed Automobile Gray Iron Castings, Mar, p 10-29.

Chaves, Jr., L. M.; Krause, W.; de Souza Santos, A. B.; Reimer, J. F.: Inoculation Alternatives to Prevent Eutectic Carbide Formation in Ductile Iron, Sep, p 22-31.

CIATF Commission 4: Induction Furnace Emissions, June, p 10-28.

CIATF Commission 7.2: Welding of Malleable Cast Iron, Sep, p 10-21.

de Souza Santos, A.B.; Chaves, Jr., L. M.; Krause, W.; Reimer, J. F.: Inoculation Alternatives to Prevent Eutectic Carbide Formation in Ductile Iron, Sep, p 22-31.

Dimayuga, F.; Gruzleski, J. E.: Secondary Porosity in Sand-Cast Aluminum-Silicon Alloys, June, p 38-43.

Dorazil, E.; Barta, B.; Munsterova, E.; Stransky, L.; Huvar, A.: High Strength Bainitic Ductile Cast Iron, June, p 52-62.

El-Salamoni, M. A.; Wifi, A. S.; Shaker, M. A.: Effect of Reaction Chamber Dimensions and Alloy Type on the Nodularization Characteristics and Tensile Strength of Ductile Iron Castings, Sep, p 2-9.

Exner, J.; Cech, J.; Rusin, K.: On Some Physical Properties of Dynamically Stressed Automobile Gray Iron Castings, Mar, p 10-29.

Fidos, H.: Structural Analysis of a Graphite Nodule and Surrounding Halo in Ductile Iron, Mar, p 54-62.

Gruzleski, J. E.; Dimayuga, F.: Secondary Porosity in Sand-Cast Aluminum-Silicon Alloys, June, p 38-43.

Hilaire, P.; Lietaert, F.; Staroz, C.: Development of More Powerful Inoculants for Spheroidal Graphite Irons, Mar, p 30-43.

Huvar, A.; Dorazil, E.; Barta, B.; Munsterova, E.; Stransky, L.: High Strength Bainitic Ductile Cast Iron, June, p 52-62.

Kotschi, R. M.; Plutshack, L. A.: An Easy and Inexpensive Technique to Study the Solidification of Castings in Three Dimensions, June, p 29-37.

Krause, W.; Chaves, Jr., L. M.; de Souza Santos, A. B.; Reimer, J. F.: Inoculation Alternatives to Prevent Eutectic Carbide Formation in Ductile Iron, Sep, p 22-31.

Lietaert, F.; Hilaire, P.; Staroz, C.: Development of More Powerful Inoculants for Spheroidal Graphite Irons, Mar, p 30-43.

Morikawa, M.; Niyama, E.; Uchida, T.; Saito, S.: A Method of Shrinkage Prediction and Its Application to Steel Casting Practice, Sep, p 52-63.

Munsterova, E.; Dorazil, E.; Barta, B.; Stransky, L.; Huvar, A.: High Strength Bainitic Ductile Cast Iron, June, p 52-62.

Niyama, E.; Uchida, T.; Morikawa, M.; Saito, S.: A Method of Shrinkage Prediction and Its Application to Steel Casting Practice, Sep, p 52-63.

Plutshack, L. A.; Kotschi, R. M.: An Easy and Inexpensive Technique to Study the Solidification of Castings in Three Dimensions, June, p 29-37.

Reimer, J. F.; Krause, W.; Chaves, Jr., L. M.; de Souza Santos, A. B.: Inoculation Alternatives to Prevent Eutectic Carbide Formation in Ductile Iron, Sep, p 22-31.

Rogberg, B.: The Influence of Phosphorus Content on Hot Crack Formation in Gray Cast Iron, June, p 44-51.

Rusin, K.; Exner, J.; Cech, J.: On Some Physical Properties of Dynamically Stressed Automobile Gray Iron Castings, Mar, p 10-29.

Sahoo, M.: Impact Properties of High-Strength Cast Cupro-Nickel Alloys, June, p 2-9.

Saito, S.; Niyama, E.; Uchida, T.; Morikawa, M.: A Method of Shrinkage Prediction and Its Application to Steel Casting Practice, Sep, p 52-63.

Shaker, M. A.; El-Salamoni, M. A.; Wifi, A. S.: Effect of Reaction Chamber Dimensions and Alloy Type on the Nodularization Characteristics and Tensile Strength of Ductile Iron Castings, Sep, p 2-9.

Shulhof, W. P.; Willis, W. E.: Automation in the Large Foundry--Progress in the 1970s and an Outlook for the 1980s, Mar, p 3-9.

Sipi, R.: Some New Aspects of and Recent Practical Experiences with. Rigid Molding: An Advantageous Method for the Production of Medium to Heavy Castings in Ductile or Gray Iron, Mar, p 44-53.

Staroz, C.; Lietaert, F.; Hilaire, P.: Development of More Powerful Inoculants for Spheroidal Graphite Irons, Mar, p 30-43.

Stransky, L.; Dorazil, E.; Barta, B.; Munsterova, E.; Huvar, A.: High Strength Bainitic Ductile Cast Iron, June, p 52-62.

Svensson, I.: A Scanning Electron Microscope Examination of the Breakdown of Ester-Cured Sodium Silicate Binder, Sep, p 32-42.

Tartera, J.: The Laboratory Simulation of a Foundry System Sand, Sep, p 43-51.

Uchida, T.; Niyama, E.; Morikawa, M.; Saito, S.: A Method of Shrinkage Prediction and Its Application to Steel Casting Practice, Sep, p 52-63.

Wifi, A. S.; El-Salamoni; Shaker, M. A.: Effect of Reaction Chamber Dimensions and Alloy Type on the Nodularization Characteristics and Tensile Strength of Ductile Iron Castings, Sep, p 2-9.

Willis, W. E.; Shulhof, W. P.: Automation in the Large Foundry--Progress in the 1970s and an Outlook for the 1980s, Mar, p 3-9.